

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Martin Squicciarini <msquicci@vf.lmms.lmco.com>
Subject: [4162] 40-9er contest
Message-ID: <32874FEE.5CB6@vf.lmms.lmco.com>

Hi all,
Just getting back into ham radio and qrp. Alot has happened in the last few years. I have a few questions about the contest that starts tonight.

1. What are the average code speeds
2. How do you call CQ --> CQ 49 or CQ TST ???
3. I hope to bag a fox tonight (before the football game) and work the contest Tue, Thur and Fri for my six hours. BTW saw a real fox run in front of our van the other night. First time I've seen a fox in the wild (not a zoo).

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Martin Squicciarini 73 - NR3Z
Work -> msquicci@vf.lmms.lmco.com
home -> skitch@resuba.com

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: WJ4PRandy@aol.com
Subject: [4223] 49er Contest/First Night results
Message-ID: <961111232750_2046878444@emout18.mail.aol.com>

Hey gang,
Lots of 49ers out there to work!!
My log:
KK7BD, K5ID, AC5AM (TT)
WA0ZPT (49er), KJ5TF (49er),
WA9PWP, WOLK (49er)
Near Misses:
NR3E (I'll get you another nite!)
KB0PJE (you too!)
Heard lots more but lots of QRM
too! Thanks for all the patience guys!
This isnt a contest radio is it?!
73, Randy WJ4P

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Luke Enriquez <ecsc1fe@lux.latrobe.edu.au>

Subject: [4145] A Message to All Those Fast with CW...

Message-ID: <9611110655.AA24299@lux.latrobe.edu.au>

Howdy,

Thanks for all those who replied for to my comments on CW. Because CW is the primary mode of communication for QRP operators, I posted the comments here. To sum up the replies, here is what I recieved :

- 1.) Most operators had no problem working Novice CW users, providing that if the novice called CQ, he did so at a speed which he could recieve at.
- 2.) Most operators enjoyed working Novice stations, esp if they were the first station the novice had worked.
- 3.) Most operators expected strict protocol to be followed in rare DX contacts. Protocol was sometimes lacking with Novice operators.
- 4.) Most Novices appreciated DX stations slowing down to their speed.
- 5.) Most Novices stated that with motivation of working DX stations, their ability to increase recieving speed also increased.

This about sums up what the replies had to say. I forgot to mention that if you are a QRP station calling CQ, and if conditions are bad, do so slowly. Often I have worked a QRP station from my QRO setup, because his "slower" code was easier to hear thru all the switch mode power supply noise at my QTH.

I was pleased to work a rare DX station who slowed down and was quite happy to work via the terrible conditions on 15m. He got a buzz and so did I.

As a novice to CW and HF (and I have an Unresistricted License), I have found more "snobbery" on SSB than CW. In fact, I listened to one guy explain to his friends how the "idiots" should stay of the 80m DX Window because they could only run 100W PEP, and he could run 400W PEP. Do some people think they own particular portions of the band?

I know from my attempts to teach my no-code friends CW on 2m FM, people have dropped carriars on us because they didn't like the frequency we were using. Oh well, it takes all people to make a world.

73's
Luke
dit dit

PS : And still waiting for my sierra to arrive in the mail!

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Luke Enriquez VK3DLE "I only cook with Non-violent
3rd Year Electronic Engineering fruit that pulps itself."
Latrobe University, Victoria, Australia.
ecsclfe@lux.latrobe.edu.au

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From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Scott Bauer <ke3nv@erols.com>
Subject: [4191] Antenna question
Message-ID: <199611112112.QAA18127@smtp1.erols.com>

When it comes to antennas, Im lost when it comes to experimenting.
I have a G5RV (102 ft) that barely fits in my yard. I REALLY want
to get on 160 meters to see what it is like.

What would happen if I were to get some PVC pipe and wrap it with
more wire and put the pipe section up vertically ?

Also, does anyone have an idea of how much more wire I would need ?

Any tips will be greatly appreciated, Thank you Scott

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Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, CQC 352, AR-QRP 27

Scott Bauer W3CV (formerly KE3NV, N3RQU) QRP nut SWL
CW Operators QRP Club # 484 (Australia) Grid FM-19, Odenton, MD

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From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
Subject: [4148] Balun or not balun?
Message-ID: <328700f3.pandora@pandora.lugs.org.sg>

Hi,

I need some opinions here. I am feeding my halfwave dipole with 50 ohm coax. This is on 20m.

I am wondering if adding a balun will make any difference. If so, where will those differences be? Noise? Sensitivity? Directionality? etc?

Thanks.

73 de 9V1ZV Daniel

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*-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg      |
| 9V1ZV      | danwee@singnet.com.sg             |
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org |
+-----+-----+
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From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "M. Monninger" <markem@primenet.com>
Subject: [4218] Brand New ORH400 & Fox
Message-ID: <1.5.4.32.19961111202210.012e1ea0@mailhost.primenet.com>

Well, I just finished my OHR400 and got it all tuned up on Sunday. So, how better to break it in than to try for the fox? Got everything ready including a freq cntr to be sure I was on freq. Sat down a few minutes after 01:00 and gave a listen. For about 30 mins there was a guy at about 59999+ right on 7037 chewing the rag. Finally he (never did get the call) QSY'ed and I could hear folks calling N2TNN. Heard several 4's and 5's (N5LU was 599+) but never did hear the fox. Heard folks work him but never actually heard him. It was kinda noisy here (nr Phoenix) and I think I could just barely hear him under the noise (maybe it was wishful thinking) but would never have been able to make the exchange. Oh well...gave me a chance to play with the new toy a little and some practice listening. I haven't worked CW for quite a while and the main reason to go for the OHR400 was to get back into CW. In fact, this is the first time I had really tried to work a fox. Hopefully I'll be successful one of these weeks.

The OHR400 seems to be a nice rig. Nice design, good parts, boards, & case. Impressive. Without a doubt the highest part-count kit I've built for quite a while. Went together well and seems to work fine on first power-up. Runs about 5W out on 20M and about 8-9 on 80. Rcvr seems to be good except a little too quiet on 30M, or is the band just dead the past couple nights? Might need to do some troubleshooting there. Only other complaint is that the VFO doesn't track too well with the dial markings. If I set it on at the low end it's off quite a bit on the high end...probably not too big a deal except for 30M. So far so good, tho. Still haven't put the covers on it yet.

Anyway...hope to work some of you soon. Pls be patient, tho...it's been quite a while since I tickled the paddles.

73... Mark AA7TA

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: KFGlynn@aol.com
Subject: [4156] Cannot access URL for FYBO Rules?
Message-ID: <9611111092423_1584537847@emout10.mail.aol.com>

Hi gang,

I cannot get to URL that has FYBO rules. Does anyone have them available?

Tnx for info.

72 Kevin N2T0 (ex-KB2TE0)

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4175] code under pressure -- DON'T BE depressed
Message-ID: <1.5.4.16.199611111115615.26873224@destin.nfds.net>

At 11:22 AM 11/11/96 -0500, Patrick Taber wrote:

Hi Patrick...

>I'm so depressed

Don't be, at one time or another we've all been there...

I was copying about 20 wpm when I had to drop off the air for a couple of years and am still trying to get back up to that level...

>and at 15wpm, because I knew I had to copy it --
>I choked and got only tiny clusters of letters. The last clear copy on
>the pad was "= NOW 15 WPM TEXT ="

I'm not sure there would be pressure at this point, putting it into proper perspective. If you don't copy it, you get frustrated and no one else has to know about it...

On the other hand, had this been a contact with another ham, that could have been embarrassing...

>It's so depressing. I do this all the time. If I'm listening around the
>bands I can copy at a decent (but not great rate) the minute I touch
>the key my speed drops to something less than zero (that's when you
>can't copy anything but still make illegible marks on the pad.) I
>know it's nerves.

>There *are* days I can sit down and carelessly QSO with other stations. Not
>caring seems to be the key.

I think it's more, you're relaxed and not "straining" or "feeling pressured", it makes a difference. I always call CQ slower than I feel I'm up to copying today, and I also spend a lot of time in the novice bands lately. I also use a straight key a lot, it forces me to stay slow and helps me keep the other station at a level I can understand. It seems every time I use a keyer, I end up going faster than I'm ready for. As I get more practice (and that's the best way to learn and improve speed) I'll get faster again.

When I go down with the big boys, I answer the slower ones until I get comfortable with their "style". There are some "styles" I can't copy regardless of how slow they send, some people have no comprehension of spacing at all.

When I first got my license, I stayed in the 40 meter novice band and worked an average of 5 cw stations a day for a month. I then went and took my general tests and passed the cw with flying colors. Two friends of mine who were also novices, one licensed the same time I was, decided to work with computers and code tapes. Neither of them passed the code that day and one of them still hasn't.

Instead of feeling depressed, I take it as a challenge and attack it. The more time I spend on the air, the better it's going to get. Your grade school teacher was right, practice does make perfect, or at least better...

Lately, I've been building projects and working on antennas and equipment. I'm in the habit of turning the hf rig on a cw qso and trying to copy while

I work, it has helped the speed some. And once I get a couple more projects done I plan to get back on the air REGULARILY to practice, practice, PRACTICE.....

72/73 es gud luck

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Snail Mail P. O. Box 178
 Shalimar, FL 32579-0178
Grid EM60rk
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^ That's N 9 N V V

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Patrick Taber <ptaber@logicraft.com>
Subject: [4166] code under pressure -- I'm so depressed
Message-ID: <1.5.4.32.19961111162229.0098d9c4@freebird>

Hi all --

I'm so depressed -- last night I tuned in to the W1AW Code Proficiency Qualifying Run determined to finally get an endorsement for my Code Proficiency Certificate. I copied the instructions letter-for-letter, I copied 10wpm letter-for-letter (a text on Spinoza -- has Nils taken over the ARRL CP program?) and at 15wpm, because I knew I had to copy it -- I choked and got only tiny clusters of letters. The last clear copy on the pad was "NOW 15 WPM TEXT ="

It's so depressing. I do this all the time. If I'm listening around the bands I can copy at a decent (but not great rate) the minute I touch the key my speed drops to something less than zero (that's when you can't copy anything but still make illegible marks on the pad.) I know it's nerves. There *are* days I can sit down and carelessly QSO with other stations. Not caring seems to be the key.

So, who has stories of how they got around code block?

>>>=>PStJTT (CP 10)

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [4192] CQC QRP Club
Message-ID: <961111211616_75230.1405_HHB46-2@CompuServe.COM>

Scott Bauer asked about his CQC subscription and complained that he hadn't heard anything. I passed his original query on to the membership secretary (AB0CD, Dick, rschneid@ix.netcom.com) but my reply direct to you, Scott, bounced!

We have a minor backlog of applications, but are working through them and you should get the next Low Down, which will be mailed (we hope) later this week.

73
Marshall, AA0XI
VP CQC

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [4205] CW Operating Speed
Message-ID: <961112000101_75230.1405_HHB48-1@CompuServe.COM>

In Subject: [4097] A Message to All Those Fast with CW...
Luke, VK3DLE said:

>> It is of recent concern to me that some new HF operators are being ignored when replying to calls of CQ<<

You've got a good point there, Luke, and I know I'm going to start another huge thread here, but who cares-- CW operating is central to QRP and it's all fun, right?

As a fellow VK, I think it's fair to say that VK ops sometimes get carried away with procedure and following the "rules," while US ops often go to the opposite extreme. Common sense should determine a lot of our operating procedures, but it's a sad fact that common sense is not all that common. Look at the phone bands [g].

First, standard practice should be that you should ALWAYS send at a speed you can comfortably copy, regardless of whether you are calling CQ, answering a CQ, or whatever.

I think there's room in there to operate substantially faster than your "true"

copying speed in a contest-- you can comfortably copy some types of information faster than others-- so I don't see that as an exception. The second part of this standard practice would be that once the stations are in contact, the faster station should slow down to match the speed of the slower one.

That said, in a perfect world a guy who runs 10wpm on his best day should not under ordinary circumstances call a guy who is calling CQ at 25WPM, even if he has heard the call 10 times and figured it out. If circumstances are extraordinary (say it's the last state you need for WAS QRP) then go for it, but keep it short and it probably won't hurt to say something like "SRI SO SLW BUT NEED RI FOR WAS HI."

There are some things you should do if you are substantially slower than the other station. But first let me say that this is more generally applicable than might appear at first glance, because with very few exceptions it doesn't matter how fast you eventually get to be, you will eventually run into someone faster. Just like the Old West, but at least it's not usually fatal [g].

So here are some suggestions for when you are working a faster station (who presumably has been courteous enough to slow down for you).

If you have received a 5/x/9 report, the other station is saying that he can read you perfectly, so DON'T REPEAT! You are entitled to assume that he is going to copy every character, so repeating is just a waste of time. There's an exception to this, of course [g]. If you have an unusual QTH or name, you might want to repeat it just to reassure the guy that you sent it correctly the first time. I have a double problem, with name=MARSHALL and QTH=AURORA, both of which can be tricky, so I usually repeat my name and QTH. And, depending whom I'm working, I'll often send the QTH as DENVER, but don't let any Aurora city officials know that, please [g]. Numbers are usually repeated, because if a static crash blips a dit, the other guy can't interpolate what the missing number was from what he DID get.

DON'T send the callsigns every time! After the initial contact is made, you can identify with DE (your call)-- on the theory that the other guy does in fact know his callsign. Most of the time you can just break, anyhow (BK), without sending callsigns. Along this line, a rookie mistake I hear all the time is for someone to answer my CQ by sending MY callsign three times, followed by DE his callsign three times. I know my callsign, and if I don't get yours on the first attempt I will send QRZ? or the part of it that I got plus a question mark (e.g. WB0KC?). When I answer a CQ I will send the other guy's callsign once so that he know's I am in fact calling him, even if one of us is a bit off frequency.

DO USE ABBREVIATIONS. The other guy is going to understand you if you say TEMP 52F

and he is going to be annoyed if you spell out "TEMPERATURE" and "DEGREES."

DON'T make unneeded corrections. If you've made mistake number one by sending TEMPERATURE instead of TEMP, and mistake number two by sending a V instead of the U, don't bother correcting it. I know VKs are tested on sending and have to correct an error "properly--" by sending the error symbol (8 dits, not dit... dit... dit) and then resuming with the last *correctly* sent word, but in practice it is not necessary and it is somewhat unwise if you are working a faster station. But he's just that, a faster station, not an examiner. Don't correct the obvious ones, and correct the wrong word if you have to, without repeating the last correctly sent one.

Finally, don't send anything that doesn't need to be sent. Don't waste a lot of time spelling out words like THE, IS, and MY, that aren't really necessary to communicate your information. Let what the other station sends be your guide-- when he sends his rig and antenna information, reply with yours. Don't widen the scope of the discussion unless he has indicated (by what he has sent) that he want's to chew the rag with you.

Bottom line, just think of it as meeting a stranger for the first time. If you use common sense (and the above suggestions), you shouldn't feel that you are imposing on a faster operator, nor should he feel that he is doing you a favor in working you. If you do run into a faster op who won't accomodate you despite your best efforts, just shrug it off and go on to the next one.

Let the games begin...

73
Marshall
AA0XI/VK5FN

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bill Morris Denton <bdenton@tenet.edu>
Subject: [4185] DX60/VFO/REC.
Message-ID: <Pine.OSF.3.91.961111131558.20163C-100000@abernathy.tenet.edu>

I have a good set of Heathkit equipment looking for a good home.

DX-60 not sure if it's a B and matching VFO
Matching Receiver (don't remember the model number i'm doing this at work)

I also have all the documentation altho not original (photo copy) but it is complete. I am not the original owner but all units are in working condition. They look real nice with no major scratches. I built a DX60 as a novice and visioned having one again. I got these units at the Houston Ham Fest last year. The recevier belonged to a friend of mine.

It works but have not used it hardly at all. I just listend to the AM
guys on 75 meters a couple of times.
Would consider a trade for a goat or a good milk cow.

If anyone is interested let me know:
During day 8:00_4:30 CST 713-365-4640
After 5:00 pmCST 713-469-8331
or email bdenton@tenet.edu

Bill Denton
WA5DWX

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: JessQRP@aol.com
Subject: [4211] Emtech Home page and new Zmatch Tuner
Message-ID: <961111202352_137777714@emout18.mail.aol.com>

Hi all,
I requested information about his NW8020 rigs and was informed that he has a
new web page. Check it out!

<http://www.isomedia.com/homes/starbuck/emtech.htm>

The bi news here is that he has his new Zmatch tuner for sale on this page

No pecuniary ineterest here, just passing along some good info...

Best

Jess NOTFI

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [4224] Fox full of holes
Message-ID: <199611120500.AAA18317@mail.ifu.net>

Wow, talk about getting shot at! Looks like I have about 32 new holes in
these fox shorts. Talk about ventilation but this is bad before the winter
sets in. Not only are there holes but some of them are big. Linda in TX
almost blew the headphones off with her 5 watts. Big signals up her in NJ
and the band was long and loud.

It started off with CA then TX, then TX, then back to CA, then TX, OK, TX,
OK, TX and the list goes on. I had to look at the dial and check if I was
in the middle of a TX, CA shoot out or something. Bad place for a fox! This

is great but sorry for the station not in there. I had signals from 10 over 9 to 119's with alot of patience. The noise floor was amost 0 and it made for an interesting night. The only noise was from two stations above and below me. I thought it was a tight squeeze but I didn't want to go too far so I just closed the filter down on the QRP+ to about 4. Very narrow which came into play when a hunter drifted out of the passband. Good thing the RIT worked smoothly.

I really had fun tonight and wish it could be pileup fun every night. Now I know what DX feels like. I will be back in the spring to hand out the points to all you lucky brush beaters again.

I only worked one fox this season and now I see what goes on. Thanks again for all the contacts and I will post the results in the morning. It is going to take some time to get it all straight. If there are corrections, please let me know. Also, I will send out cards but so many of you have new calls so bear with me if they are slow.

Monday night football, 40-9er contest and I still get shot up.....???.....

72/73, Dean, NJ, N2TNN, QRP-L # 560
EMPS Q=4 S=3 DX=1

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [4172] FOX: QSL 100%
Message-ID: <9611111739.AA06833@aud.alcatel.com>

I believe it is one of the rules for FOXes that they are to QSL 100%. I am still waiting for my one card from the only FOX I worked "some time ago." Let's hope the all QSL 100%.

72/73 Dennis K3ETS, Dallas

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4139] Foxhunt and 49'er Week
Message-ID: <1.5.4.16.19961110231819.1bfffaf3e@destin.nfds.net>

As a side note to the N/T+'s, this is also 49'er week. Most of us who have them have crystals for 7.122 +/- (but not enough for 7.112). Any possibility of having the N/T+ nights in that area?

72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Snail Mail P. O. Box 178
 Shalimar, FL 32579-0178
Grid EM60rk
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^^ That's N 9 N V V

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [4149] fs backpacker II sold
Message-ID: <199611111218.HAA30345@bbs.mpcs.com>

 backpacker ii sold thanks to all who responded
Thank You

John Dorson Real Estate Consultant in Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

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| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|  
| and worked these:      MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|  
|                        WI                                                        |  
|-----|
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K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Sjolín@aol.com
Subject: [4179] FS: Ten-Tec Argosy 525
Message-ID: <961111133422_137658952@emout05.mail.aol.com>

My friend, N0KR has a Ten-Tec Argosy model 525 (Analog) that he would like to sell. It is very clean and in working condition. CW filter option installed. Noise blanker installed. Calibrator installed. Shure 444D Desk Mike, External Matching Ten-Tec Power Supply. Radio also has notch and RIT.

Covers 80-10 meters with 30 meters also, CW/SSB. \$330.00 shipped. Includes insurance and manuals for all above equipment.

Contact Chris, N0KR at daytime phone (314) 234-1983 or leave packet message via KD9SG BBS.

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "William C. Robbins" <billrobb@net-link.net>
Subject: [4160] FS: HW-8/HW-7
Message-ID: <199611111552.KAA28366@serv01.net-link.net>

I am taking a Heath HW-8 and HW-7 to the Ft. Wayne hamfest this next weekend. If anyone here is interested let me know.

Bill

William C. Robbins Heathkit Collector

billrobb@serv01.net-link.net

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [4161] FS: HW9 & Access
Message-ID: <199611111602.JAA00099@dancris.com>

Don't know if this made it to the list before:

For sale, Heath HW-9 in excellent condition, has WARC bands installed. Included is the Heath power/swr meter and tuner for this rig. \$425.00. Prefer to sell as a package only. Please reply direct via e-mail.

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-1 271 CQC 274 ARRL (Not in any order of importance!)

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [4155] FT-840 Low Power Question
Message-ID: <Pine.SUN.3.91-FP.961111084205.22834A-1000000@cap1.capaccess.org>

Happy Veteran's Day to all those who have defended their country - either in the military or with moral, family or other support. If it hadn't been for you, we'd be speaking German, Japanese or Russian today - and

you could forget about the freedom of ham radio.

If you don't have a Yaesu FT-840, no need to read on.

Over the weekend I installed the 500hz filter I received from Texas Towers on Friday (YES - they are alive and well - best price for the item and 3 day shipping - my local store, which I tried to give the sale to initially, had been unable to come up with one in five weeks). It works well and really lets me separate the signals - no more hearing 2 at a time.

Since I had the top off the rig, I decided to try the simple mod of moving the power switch from 100 to 50 watts. Supposedly, this makes the top output 50 watts and the low about 2 watts (versus 5 normally). You are to use the lower power output scale for reading watts after this is done. Guess what - the top is indeed limited to 50 watts, but the lowest power is unchanged at 5 watts out. Does something else need to be done? Are there other instructions? I know about the ALC mods, but don't want to hook up something outboard - I just wanted to get down to a watt or 2 without a lot of fuss.

Please let me know if you have tried this with your 840.

Thanks & 72/73,

Steve, N4EUK
QRP-L #143

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Joe Gervais <vole@primenet.com>
Subject: [4174] FYBO: Anyone need the rules?
Message-ID: <199611111752.KAA27489@primenet.com>

Howdy All,

Had two requests over the weekend for the FYBO Winter QRP Field Day rules. Does anyone else need/want a copy? The easiest way to get them is to visit Bob's (KI7MN) web page (<http://www.dancris.com/~ki7mn/fyborule.html>). Don't forget to browse the rest of his site while you're

there. :-)

The rules should also be appearing in your favorite QRP journals of choice, as well as QST and CQ.

Otherwise you can always email me and I'll have a copy in your mailbox almost as soon as I read your request.

We're working on a few winter outdoor safety tips too. Like the "Top Ten Ways to Tell if You're Freezing Your B_____ Off". :-) Seriously though, don't want any cold wx casualties in the name of chasing temp multipliers. Know your limits and respect Mother Nature, lest she smack you in the shins with a hockey stick.

As a near casualty of Mother Nature on several occasions (call me a lucky, slow learner...), I believe the phrase is, "Been there, done that, never wanna go through it again."

Mark 2/22/96 on your calendars folks, and start charging up those battery-warmed socks. :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: sigcom@juno.com (Stephen M Smith)
Subject: [4158] Germanium to silicon
Message-ID: <19961111.040640.25711.5.sigcom@juno.com>

Group,

Is there any simple way to figure out what changes to make in a circuit that uses germanium transistors to "re-bias" it to use silicon transistors. I'm concerned about low level rf amps, oscillators and mixers. Or do I have to resort to re-engineering. This has to do with my obsession to rebuild my SBE SB-33 into an all solid state QRP rig. I know, I should either start from scratch or build a kit. Well I don't want to, OK ? :-) I like the configuration of the SBE and I'd prefer not to do a "ground up" re-design if I don't have to, but I'm not adverse to doing so. Sooo, any suggestions would be appreciated. Thanks.

Oh, BTW. If you've seen my "free parts" posts in the past, you know I'm always scrounging for equipment to scavenge components from. (I'm the one that instigated the recent "Junk T.V." thread.) Recently, I was

given an old satellite TVRO receiver box. This was used with a "big" dish on 4 GHz. Well, what a neat source of parts. I got 2 SBL mixers, a whole bunch of "gain block", 3 leaded amplifier ICs (T0-5 can), a hefty power supply transformer, diodes, filter capacitors, 3 lead regulators, LM 380 I.C., other misc. I.Cs., transistors, pots, knobs and a signal strength panel meter! Lots of neat stuff with which to build QRP gear. With the advent of the 18" dish, a lot of these things are going to the trash pile. I couldn't really make this a "free parts" post because I don't know of a good source that's free. These *do* show up at the swaps, however, but you'll probably have to give a few bucks for them.

73.....Steve, WB6TNL

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Jim Nestor <nestoji@voicenet.com>
Subject: [4215] GQRP info
Message-ID: <01BBD01B.F6D96F80@ewing21.voicenet.com>

How do I unsubscribe to the GQRP list? I want to shift it to my new = personal e-mail address, but first I need to unsubscribe from my business = e-mail address.

Thanks,

Jim Nestor, WK8G/2
nestoji@voicenet.com

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Jim Nestor <nestoji@voicenet.com>
Subject: [4200] Great Circle software
Message-ID: <01BBCFF8.935B64E0@ewing08.voicenet.com>

I'm baaack after a hiatus and a short but fun stint as VK2IIJ/QRP, so = I've resubscribed. Let the good times roll!

First query of the new QRP season: where can I find free great Circle = software?

I believe I saw something posted about some software that I can use to = find great circle bearings from home QTH in Princeton, NJ. Most of the = leaves are down so I'm planning to hang one or two 200-300' long wires = and want to know where to orient them.

I can get them up about 35-40 feet and likely aimed NE/SW and E/W which =

should give me some useful high band lobes. I have a bitmap of my lot =
plan and would like to make an overlay with great circle markings.

73/72,

Jim Nestor, WK8G/2
nestoji@voicenet.com

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Philip Karras <ke3fl@access.digex.net>
Subject: [4164] GWBASIC, HAMCALC, and the root directory
Message-ID: <Pine.SUN.3.94.961111111354.29912B-100000@access4.digex.net>

I love trying to get around stupid limitations in programs! I write
programs in C mostly & have found ways to allow the user to set up
his/her own file structure & have the programs work correctly. I'm
sure that same exists in BASIC, but I've never looked.

ANYWAY, try this: DOS has a command called SUBST whcih can be used to
substitute a path for a drive letter, S0000 make your directory
structure the way you want & SUBST the initial path as a new drive.
HAMCALC will now be convinced it's starting from the "ROOT" directory
of the new drive. All should work. Let me know & good-luck!

EXAMPLE: here is where you put hamcalc:
C:\mypath\ham\hamcalc....

But now you make it believe it's starting from drive F:
SUBST F: c:\mypath

72 & 73 de KE3FL/Phil
:-)

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Philip Karras <ke3fl@access.digex.net>
Subject: [4165] GWBASIC, HAMCALC, and the root directory
Message-ID: <Pine.SUN.3.94.961111111940.29912C-100000@access4.digex.net>

Ooops, I've got problems with WINDOWS 95 here....

EXAMPLE: here is where you put hamcalc:

C:\mypath\ham\hamcalc....

But now you make it believe it's starting from drive F:
SUBST F: c:\mypath

SUBST was in DOS 5 and above, it does NOT seem to be in the WINDOWS 95 version of DOS. I've tried to use version DOS 6.00 SUBST but it keeps giving INCORRECT DOS version even after using SETVER. Anyone else have a suggestion? I'd love to see a way of using WINDOWS 95 setver to allow using some older DOS programs.

72 & 73 de KE3FL/Phil
:-)

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: KB0PJE /5 Jack Dougherty <jdougher@wt.net>
Subject: [4143] HB: NW40 On the air!
Message-ID: <3286F54F.1975@wt.net>

Finished the NW40 by Emtech tonight and just had a nice QSO from Houston to Minnesota at 23:30 local as the 1st contact for this rig.

Man, does it have ears! It overheard my side-by-side IC-706 I was using to calibrate the NW40 with. There's some final tuning yet to be done, and the active filter option still needs installation, but we're in business!!

Thanks to designer Roy for great support, and thanks for help from many on QRP-L during build process. Now to re-organize the shack, put the cables, jumpers and meters away, and get the other HB rig ready for the 49-er test Monday.

CQ 4N CQ 4N CQ 4N.....
KB0PJE /5
Jack /Houston

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Oka@mol.net.my (Takanori Oka)
Subject: [4212] HB: Parts substitution
Message-ID: <v01530501630bd566d8e3@[202.190.129.56]>

Hi HBers,

Could anyone tell me if I can substitute CA3028B for CA3028A?

Thanks in advance.

Tak/9M2EN

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "William C. Robbins" <billrobb@net-link.net>
Subject: [4204] HELP!
Message-ID: <199611112339.SAA14341@serv01.net-link.net>

Quick...Somebody. What time does the 40-9er contest start and what is the exchange. I left the info at work.

Bill
William C. Robbins, WA8CDU ***Heathkit Collector***

billrobb@serv01.net-link.net

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "LSCHAUMB" <lschaumb@dscs.dk>
Subject: [4147] How to: HamCalc in subdirectory (DOS)
Message-ID: <9610118477.AA847707066@smtp1ink.dscs.dk>

Since HamCalc insists on running from a root directory, you can just give it what it wants by executing this in a .BAT-file:

```
subst e: C:\HAM\HAMCALC
e:
cd\bas
gwbasic \bas\menu\hcal
cd\
c:
subst e: /d
```

Use your own HamCalc index instead of C:\HAM\HAMCALC
This stunt makes HamCalc run from the root of a virtual drive that just points to a convenient subdirectory of your choice.

Vy 73 de Lars, OZ1CJX

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Dennis Blanchard, K1YPP, CINCC" <blanchard@nac.ENABLE.dec.com>
Subject: [4177] Humor pages (WWW)
Message-ID: <9611111801.AA07455@us1rmc.bb.dec.com>

Just wanted to add to Jay's, WA5WHN, comments about humor amateur radio Web sites. We have just updated our humor page with some cartoons etc. Go to:

<http://www.hampstead.k12.nh.us/~djade/index.html>

when there click on the hypertext for the Amateur Radio Humor.

Enjoy.

Dennis, K1YPP

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bill Todd <bill@techline.com>
Subject: [4214] HW-9 Wanted
Message-ID: <1.5.4.32.19961112015839.00670d08@mail.techline.com>

Greetings all -

A friend of mine is just getting into QRP and has decided that he wants to buy a HW-9 (with the WARC upgrade) rig. He did not mention what he wants to pay for one. If you have one you want to sell, please contact: Earl, KG7OM (360)875-6993 or via E-Mail at: ezrollin@hotmail.com

Please do not address inquiries to me. Thanks

Bill-N7MFB

CUL - Bill-N7MFB ["QRP Forever"]

NW QRP #1 AK-QRP #4, CO-QRP #41, NE-QRP #63, NorCal #214, QRP-L #715, MI-QRP-#1109, ARCI #6802 (co-owner of Yorkshire Terrier named "Bart")

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996

From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [4193] Iambic keying
Message-ID: <961111212457_75230.1405_HHB64-2@CompuServe.COM>

Hi, Brad--

Looks like you already understand the basic principles of "iambic" or "squeeze" keying--
all you need is a handy phrase to practice with. Here it is:

QUEEN CHARLOTTE

73
Marshall
AA0XI/VK5FN

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Laura" <sputnik@imt.net>
Subject: [4170] Increasing code speeds
Message-ID: <199611111653.JAA02368@cu.comp-unltd.com>

Patrick wrote:

"...last night I tuned in to the W1AW Code Proficiency Qualifying Run determined to finally get an endorsement for my Code Proficiency Certificate... I choked and got only tiny clusters of letters. The last clear copy on the pad was "=NOW 15 WPM TEXT =..."

Well, Patrick...all I can do is relay the great advice that's been given to me by my cw mentor, N7GS...practice! I received some terrific advice from this list, too, when I was frustrated with code speeds during the contests. I'm sure they will have great advice for you too. I KNOW that the pressure of copying code to pass a test versus copying code for fun and practice ARE different. I am living proof of that! I can copy at 20 wpm now. I've worked back up to that after a summer of neglecting cw altogether. After passing my 13 wpm and then the Advanced written...I was so relieved I just dropped code practice. Now, nine months later, I am paying the price. It's taken me only one month, but I am back up to a fairly good copying speed. So I started feeling like I could do it, and took some practice TESTS using Morse Academy on my computer. Even though it was only practice, I choked. I mean I must have, because why else could I do it off of a tape and not when it's a "test"? All we can do, Patrick, is get SO good at it, that we can't help but feel relaxed about it. If we just KEEP practicing it will come. If someone sat across from us as spoke the words of a qso, we could pass a test on it, right? So when code truly

becomes our second language, that's how it will feel and how it will be.
Easy.

Keep listening to W1AW, its great practice. If you can, get a code program for your computer and/or if you already have one, record some QSOs at a speed faster than you can copy and listen to them at night on your "walkman" when you go to bed. If you listen to 25 or 30 wpm every night, I guarantee you that 13, 15 or 20 will seem EASY after awhile. At first, at 30 or better, you may not copy anything, but as you listen you'll begin to hear letters then words. You'll recognize punctuation and common words right away...like ANTENNA and HW COPY? Before you know it, you're copying FAST code and comprehending it. It's working for me, Patrick. I listen at 30+ every night and I know that soon I'll be passing my Extra. It's just gotta get more "comfortable" for me. Others may disagree with my method, but it's helped me and I don't think it can hurt.

Keep it up and remember to HAVE FUN! That's what it's all about and we're all here to have fun with you. Let us know how you're doing!

73 de KJ7UN

Laura

Laura Marino Lubner
Reese Creek Montana USA
sputnik@imt.net
homepage: <http://www.imt.net/~sputnik/kj7un.htm>
GHRC / ARRL / MARC / QRP-L # 790

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Mike Rhodes" <weightdn@bright.net>
Subject: [4181] NEED Oscilloscope Primer
Message-ID: <199611111924.0AA05593@brutus.bright.net>

Recently someone posted an 'Oscilloscope Primer' and, true to form, I managed to delete it before I got a chance to read it. Would greatly appreciate the author reposting it to my privately. Used to be reasonably handy with a scope but that was a lot of years ago. Have a Tek 556 with a pair of 1A1 modules that will probably help keep the shack warm this winter if I ever get around to plugging it in and figuring out how to run it.

Thanks in advance.

73 de Mike / W8DN
weightdn@bright.net

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bill Todd <bill@techline.com>
Subject: [4146] New NW QRP Net Time (Mon Eve)
Message-ID: <1.5.4.32.19961111065835.00672060@mail.techline.com>

Hello Group -

I do not know if Brian (KV9X) already sent a post out on this Net Change or not, so I better do it just in case. Brian HAS listed the Net Change on the NW QRP Club Web Page (eey' a sharp lad is he).

We are rolling back the Monday evening Net to 0200 UTC (on 10123 Khz.) from the normal time of 0300 UTC. Have you listened to 30 meters in the evening lately? Pretty dead out this way. So, having it at 6PM Pacific Time just might help. Hope to see/hear all interested participants there.

CUL, Bill-N7MFB
QNI for 30 meter Net
CUL - Bill-N7MFB ["QRP Forever"]
NW QRP #1 AK-QRP #4, CO-QRP #41, NE-QRP #63, NorCal #214, QRP-L #715,
MI-QRP-#1109, ARCI #6802 (co-owner of Yorkshire Terrier named "Bart")

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Jim Dolson <dolsonj@ix.netcom.com>
Subject: [4167] Norcal Cascade - Comments Please
Message-ID: <1.5.4.32.19961111165609.006fa790@popd.ix.netcom.com>

If you have a Cascade SSB transceiver ...

Now that my dad sold his kit and am starting to think that maybe I should have bought it from him.
I am debating whether to find an unbuilt Cascade or buy a White Mountain 75 AND a White Mountain 20 SSB kit.

1. Are you happy with it? Does it perform as well as can be expected from an inexpensive kit? Do you still use it?
2. Did you do the 40m/17m conversion and are you happy with it's performance?

Jim
WB8ZBD

dolsonj@ix.netcom.com

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Barry Keating <Barry.P.Keating.1@nd.edu>
Subject: [4153] Novice FOX Tonight (Monday)
Message-ID: <v03007800aeaccc94fb48@[129.74.87.62]>

** Novice Fox ** ** Novice Fox **
WD4MSM WD4MSM

I will be on the air this evening
(the LOCAL date will is November 11,1996).

I will operate "near" 7.112 or 7.122
(as conditions warrant). I will be
on the air from 8:00 pm - 10:00 pm
local New York time:

Wednesday, November 11th (local date)
8:00 - 10:00 pm local (New York) time
0100 - 0300 UTC
frequency; "near" 7.112+- or 7.122+-
My QTH is South Bend, Indiana
QRP-L# 642
MFJ 9040 at 5 watts

Plenty of snow here over the weekend;
everything is covered with ice.

Come SLOWLY !

Barry Keating
WD4MSM

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "John L. (Jake) Carter" <JakeCart@ix.netcom.com>
Subject: [4150] Passed again!! (now if I can just get an antenna....)
Message-ID: <199611111232.EAA11927@dfw-ix2.ix.netcom.com>

Well I passed the general exam yesterday, and passed the 20 wpm code test --
must have been from trying to copy all those fast guys during the CW SS :<)

I'm sitting looking at my new Scout wondering who is out there to trade some dit-dahs with and waiting for my antenna supplies to arrive from The Radio Works. I wonder if Radio Shack is open today? If I had a PL259 connector and some coax I could fire up my rain gutter and see what happens.

Well it will happen soon. In the meantime I picked up the ARRL Advanced class study guide -- more late night studing (when I'm not listening for the fox).

Jake
KF4MRE QRP#821

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: wylde@nccn.net (Grover Cleveland, K7TP)
Subject: [4163] Power measurement question
Message-ID: <v02130500aead01b57e7f@[205.139.74.203]>

In "The Joy of Qrp" by Ade Weiss the formula for power measurement given when reading p-p on a scope is $[V_{p-p}^2 / 4R]$. Any comments on that? The reason I am asking is this:

Using a Tektronix scope for measurement and the formula above gives me nearly 2 watts output on the Sierra on 40m however none of my wattmeters agree. The wattmeters are all showing less than a watt and the KC-2 wattmeter, even when the CAL pot is cranked all the way on, shows no more than .8 watts.

Any comments?

thanks and 73

Grover, K7TP (ex WT6P)

Grover's Tiny Little Signature File for Those With Emaciated Mail Readers
K7TP (ex WT6P), archaeominiferroequinologist, nerd.

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Philip Karras <ke3fl@access.digex.net>
Subject: [4188] QBASIC and WINDOWS 95
Message-ID: <Pine.SUN.3.94.961111151935.7849B-1000000@access4.digex.net>

I simply copied the three Qbasic files into C:\s\dos on my WINDOWS 95 system and made a shortcut to it. It runs fine, tho it won't allow me to go out to DOS Shell anymore and a few other things under File are missing.

72 & 73 de KE3FL/Phil
:-)

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Bruce C. Williams" <n9jcv@wwa.com>
Subject: [4201] QRP Kit For Sale
Message-ID: <Pine.BSD.3.92.961111165814.13208B-100000@shoga.wwa.com>

Ok, I hate to do this, but I must so I can afford to buy the wife a Christmas present.

I bought a Radio Kit QRP-30 complete kit, board, parts, case. I am selling the kit for \$95 including shipping.

For those that dont know, the QRP-30 is a 5W superhet transciever. It has a built-in switchable audio filter, adjustable break-in delay, Ten Tec cabinet, AGC, RIT and uses a 8:1 reduction drive capacitor.

Please email responses directly to me. Delivery will be via, UPS COD(if they have such a thing).

Bruce N9JCV Norcal #359

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: NZ8J <timcook@erinet.com>
Subject: [4207] QRP Tuner
Message-ID: <3287C357.1B8B@erinet.com>

I just ran across this on the web and thought it may be of intererst to some on the list . I have no association with this company. Just wanted to bring another product that specializes in QRP to the list.

Tim
NZ8J

<http://www.radix.net/~ldg/QRPtuner.html>

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [4151] radiokit for 20mtr
Message-ID: <199611111238.HAA30799@bbs.mpcs.com>

hi everone.

is anyone using a radiokit rig on 20=0 mtrs. i have one and have been using
for abt a
year now and just love it.

has anyone done any modes for and how do you like it..

Thank You

John Dorson Real Estate Consultant in Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

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-----  
| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|  
| and worked these:    MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|  
|                      WI                                           |  
|-----|
```

K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [4222] Short Helically-wound Vertical
Message-ID: <19961111.202332.7663.0.wb2vuo@juno.com>

After I posted the response to Scott, K3DX, on the 160 Meter Helical
Vertical, I remembered seeing the info in the "Handbook" back a couple
of decades ago, so I dug out the 1972 "Radio Amateurs Handbook" (49th
Edition), and there it was. In Chapter 21, "HF Antennas", under the
subject "Limited Space Antennas" (Page 603) was a section on
"Helically-Wound Short Vertical Antennas"...

I won't reproduce the whole thing, but here's some of the article:

"An effective, physically-short radiator can be built by
helically-winding a length of wire on a long insulating rod or pole as
shown in the sketch. Supporting poles such as bamboo rods, fiber glass

tubing, or treated dowel rod, serve as practical foundation materials for such an antenna"... "The voltage and current distribution is more linear than when a lumped-inductance (loading coil and whip) is employed, a possible reason for its effective performance."

The article goes on to say that the short vertical can be any length from 4 feet to 20 feet, the longer the better. To achieve an electrical 1/4-wave, you must wind 1/2-wave of wire on the pole. It goes on to say that the wire should be #12 or #14 insulated wire (They specify Formvar Enamel insulation), and the winding should be space-wound in a linear fashion. It goes on to say, "The far end of the vertical should have a 6-inch diameter metal disk, or a 12-inch spike, to add sufficient capacitance to lower the impedance at the far end of the radiator sufficiently to prevent corona effects which can burn the far end of the element during medium- and high-power operation." Not a problem on QRP, but corona discharges can produce a lot of noise, so it is still a good idea.

They used 160 Meter for an example on this antenna, and state the approximately 248 feet of wire is needed, wound on the pole (20-foot pole in the diagram). This will resonate high in the band, or above the band, so a small rotary inductor was used to allow adjusting the resonance into whatever part of the band you need. A tapped coil, 10 uH max would work, and an ATU can then fine-tune it at the rig. A good ground is needed, and they mention radial, or several ground rods. An elevated counterpoise would do the trick. A couple of 130-foot long lengths of #18 - #22 insulated wire would do the trick, in fact, they can be zig-zagged around the yard to reduce the area take up. I did this with an Inverted-L with great results.

Take a look in the "Handbook" most anytime in the late 60's and the 70's and this article is there, along with the diagrams.

So, who will be the first to wind their SLV for 160M ???

72/73, Keith, WB2VUO, QRP-L #582, ARRL LM, TS (WNY Section), VP/BARK, Trustee, KB2YTW/B 10 Mtr Milliwattting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [4154] SIERRA
Message-ID: <9611111338.AA23647@itg.ti.com>

From: Brad Bradfield QLF

Good morning QRPers (or are we QRPees??) - - - -

Power up went without a hitch; i.e. - No smoke escaped.

Now back to your regularly scheduled Fox Hunt - - - - -

Brad, WB0CGH

Real men talk with their fingers!

WB0CGH@W05H.#DFW.TX.USA.NA

From: Brad Bradfield QLF

Hey guys and gals - -

Wanted to clarify my earlier post today and appologize that I may have offended

anyone with my comments about the Sierra. I did have a problem with the fab of the Sierra front panel, but Bob and Wayne have always been super in their support and it is a super radio. If you ain't got one, buy one.

FYI, happy belated 221st birthday to all you Marines out there, and happy Veteran's Day to all us veterans.

72's es 73's,

Brad, WB0CGH

```
*****
Brad Bradfield, PE                      Electrical Design Engineer
(H) 817-321-2960                        Texas Instruments, Inc.
(W) 214-462-6230
```

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996

From: Doug Hendricks <ki6ds@telis.org>

Subject: [4142] SLV Mod Report from W6MMA

Message-ID: <3286C02F.3379@telis.org>

Vern Wright, W6MMA, has been doing some experimenting with his SLV, and he has some results for us. He modified his SLV by winding a coil on PVC pipe, and elevating the base of the fishing pole 3 feet on a copper pipe. This was to make the SLV like the DK3 Screwdriver type antenna. Vern made a shorting bar so that he could "tune" the coil. Bascially he had a manually operated screwdriver that was a center loaded antenna, with the copper pipe being the bottom part of the radiator, the coil and then the upper radiator being a length of copper wire. His results?

Today he worked 12 JA stations on 20 meters and they gave him 58 and 59 reports using the Cascade and 3 Watts. He did comparative tests with the stock SLV (Vern has two poles), and he only received a 53 with the stock antenna. His setup with the experimental antenna was an eight foot radiator on top of the coil, about 6 turns of the coil, and then the copper pipe on the bottom. He used 4 radials 16 feet long made from insulated wire. The antenna uses a torroid balun at the base and is fed with coax.

This evening he contacted Derry Spittle, VE7QK, in Vancouver, B.C. using the SLV, modified version on 75 meters. Derry gave him a 5

and 9 on his 4 square antenna system, and a 5 and 7 on the modified SLV.

Vern says there is a noticeable difference on receive between the stock and the modified center load version. His next set of experiments will involve replacing the copper pipe on the base of the antenna by moving the coil up the pole about 4 feet, then running a wire down from the base of the coil to the torroid at the base of the antenna. The idea is to make the antenna more portable.

Vern's inspiration for his experiments is the famed "screwdriver" mobile antenna that Don Johnson has made so popular. If you are interested in doing your own experiments, Vern is using 1.25" schedule 40 PVC pipe and is winding the coil with 8 turns per inch. He currently has a coil form about 14 inches long. Pictures of his antenna are on the NorCal Web Page.

Both Vern and I are interested in any comments that you may have about his experiments. 72, Doug, KI6DS

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: WD6BOR@aol.com
Subject: [4216] SLV SD-20 source?
Message-ID: <961111220018_1915603133@emout13.mail.aol.com>

Doug and the group,

Does someone have a current source for the South Bend SD-20? Some of the VOMARC guys want to build the SLV so I'm planning on ordering ten.

TNX es72,
Darrel, WD6BOR

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [4197] SLV-CENTER LOADING DETAILS
Message-ID: <9610118477.AA847756164@smtpgw.ccgate.dl.nec.com>

Folks:

I'm very interested in finding construction details of those who have built a center-loaded coil version of the SLV. Also interested in any info regarding successful 80m operation on the SLV.

I checked out the NORCAL page, but center loading details weren't there (but other items are great - fantastic page, Jerry!!)

Please post info direct to me, unless you think the group may want to know, too!

Thanks in advance.

73 de Dave NR3E
QRP-L #25 Dallas, TX

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Sjolin@aol.com
Subject: [4182] Ten-Tec Argosy 525 SOLD
Message-ID: <961111142517_348183241@emout07.mail.aol.com>

NOKR has sold his Ten-Tec Argosy 525 in less than an hour from the posting.
The reflector is amazing. Tnx all. 73 de Dave, N0IT

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [4190] Unbelievable!
Message-ID: <961111210949_75230.1405_HHB56-1@CompuServe.COM>

Last night on 40M I actually heard a guy ask QSL? before calling CQ, then five minutes later someone else *said* QRZ before calling CQ. To the extent you can tell anything at all from call signs now, the first guy was probably a Tech Plus, and the second guy was a General.

Amazing.

73
Marshall
AA0XI/VK5FN

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [4157] WAE RTTY, QRP= FUN,& FRUSTRARION

Message-ID: <199611111508.KAA180570@nss2.CC.Lehigh.EDU>

Hello Gang,

I worked the Worded All Europe contest this weekend using a Kam TNC and my QRP+ for a radio. It was just as much fun as it was frustrating. Not because of low power either!

The rig is just not designed to do this RTTY stuff, but if asked nicely it will agree to do so. I worked 3 DX countries and 10 US stations. Inverting the signal on demand is a problem with the Kam. It must be shut off and turned back on and the program must then be switched to the "Talk to the TNC mode". But what the heck, I haven't been fly fishing lately and my antennas did go back up in the air yesterday, (somewhat reluctantly, I might add), so my frustration quotient was low.

RTTY and QRP do go together though, doing it in a non-contest, atmosphere is much more relaxing and a lot of fun.

Try it, you might just like it.

73 de AA1IK
Ernie

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: beacon_wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [4208] WB8YGG Beacon Results
Message-ID: <19961111.203130.4503.0.Beacon_WB8YGG@juno.com>

Well, folks, Sunday was a good day for 80 meters.

I wanted to test my 980 out at a low power setting, and also make sure that everything was working on my 980 after I replaced a blown transistor in the switching circuit.

Well, in my haste I measured the power WRONG. I was not actually sending out 1mw, when I went back to check, I was putting 2v p-p into the 50 ohm load. OOPS, that's more like 10mW!! Ok, now I know I messed up, please be nice to me... remember this is a hobby..

Ok, next time I do 1mW it will be .63236 V peak to peak!

Oh well, that's why it was a test!!

I got suspicious when Keith, WB2VU0, somehow Un Mired from the swamp, told me he thought it was loud for 1mw. Well, normally I would not say much but Keith has been doing this since... well, almost forever. :-).

Anyway, I confess!

Here's the results after that long winded dissertation...

Thanks to all that dug the signal out!
73 Brad WB8YGG

Bill	W2DP	21:13	579	267 Miles/10mw	= 26700 miles/Watt
Keith	WB2VU0	2006Z	429	9 miles/10mw	= 900 miles/Watt
JIM	KC1F	22:48	539 to 579	319 miles/10mw	= 31900 miles/Watt
George	AD4EP	2110z		284 miles/10mw	=28400 miles/Watt

Larry	WA2ROW			40 miles/10mw	= 4000 miles/Watt
-------	--------	--	--	---------------	-------------------

Everybody copied the code word GAIN, Nice Job!

My setup:

Transmitter: FT-980 @ 10mw
Antenna: Dipole , North leg at 70', South Leg at 50'
Keyer: AK-1 Atomic Keyer
Location: Brockport, NY FN13AD
Call WB8YGG
From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: SNickrand@aol.com
Subject: [4141] What gives?---Ocean State Electronics
Message-ID: <9611111003521_1115575967@emout13.mail.aol.com>

Has anyone else seen the erratic behavior from Ocean State Electronics?

Over a week ago, I called in a small order. It has yet to arrive (they boast same day shipping) and their telephone line, both toll free and direct dial, is sometimes busy for hours on end or else it rings and rings, with no one picking up (during normal business hours). Does anyone know what's going on with them? Bill Nickrand KB9KOL

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: PDouglas12@aol.com
Subject: [4221] White Mountain and KC2
Message-ID: <9611111230153_1149362684@emout18.mail.aol.com>

Hi Gang,

I am pleased to report that the KC2 is operational in my new White Mountain-75 SSB rig on 75m phone. Note I have done a little review of the WM for QQ this next issue. It is a souped up version of the one I posted online.

The White Mountain has an optional case kit which includes an audio frequency spotter. This is an ideal little rig with that case kit option for a first timer who wants to do a SSB rig. The instructions are all but foolproof, and Dave Benson's support is great. (Sorry Dave that we couldn't work a sched this eve. I heard zero sigs from New England, but we will hook up eventually!)

For myself, instead of the easy and smooth optional case and freq spotter kit, I went a different route. I used my own case (obtained from a famous ham in Dallas) and carefully carved out the holes with nibbler and file for a KC2 digital readout. At first, the KC2 didn't seem to be getting any VFO signal, but that was due to the low buffer output (by design) in the WM. You can't take the VFO signal for the KC2 from the resistor across the buffer output transformer, T6. I wound up stealing a signal directly off of the VFO bias resistor (22k, directly adjacent to the silk screened "D6" on the board, above the flat side of D6, and for those who may duplicate this scheme--use only a 2pf cap for pickup from the exposed top of that resistor.)

I am pleased to report the VFO is still stable, and the freq readout is steady. If I note any negative side effects I will report them here.

Anyway, the combination is quite attractive and functional. I will report back when I have a few contacts under my belt with any additional info I can add.

Now maybe I can concentrate on working at least a couple of foxes before the season ends!

72,

Preston WJ2V

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [4198] WHITEROOK PADDLES
Message-ID: <9610118477.AA847756142@smtpgw.ccgate.dl.nec.com>

To Mini Paddle users:

I've ordered a MK-44 iambic paddle from Whiterook.

My concern is, since they are so lightweight, how does one keep them stable when going at about a 20wpm clip ?? Any ideas on how to secure or mount them to the op table.

Any comments or tips welcome. They look very nice!!

tnx,
73 de Dave NR3E QRP-L #25/Dallas, TX

NR3E EMPS Qs=07 States=06 Confirmed=00 DX=01
MO MA FL PA VA3 LA IN

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [4168] Re: 40-9er contest
Message-ID: <199611111701.MAA22457@mh004.infi.net>

Hi Martin,
At 11:10 AM 11/11/96 -0500, you wrote:
I have a few questions about the contest that starts
>tonight.
> 1. What are the average code speeds
> 2. How do you call CQ --> CQ 49 or CQ TST ???

Thanks for the questions and the reminder that the 40-9er contest starts tonight. The contest speeds will probably be typical of the QRP group, which usually runs 12-20 WPM. The Novice freq. will probably be slower. None of the QRPers have any problem with slowing down as slow as needed though, if you're rusty. Our objective is for everyone to have fun, and this will be much more important than winning.

I'd suggest that we call CQ 49 since it is 40-9ers that we're looking for, but I'm sure any call that indicates the contest will work.

Good luck and have fun!

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [4144] Re: A Fox Plea
Message-ID: <v0153050baeac21e77e27@[206.163.124.99]>

>From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>
>Organization: Pasadena City College
>To: talljazz@teleport.com
>Date: Fri, 8 Nov 1996 11:46:54 PST
>Subject: Re: A Fox Plea
>Priority: normal

>
>Just a comment or two regarding your suggestion. It has been my
>experience this fox season that the earlier hour is best for working
>the closer states. After 0200Z propagation to Idaho, Arizona and
>northern California is very poor from southern California, and I do
>not think that it improves later in the (local) evening.

>
>However, I am not opposed to having more of the hunts scheduled
>later in the evening as you suggest; but it would also be argued
>that there should some earlier hours scheduled for the benefit of
>those on the east coast (especially during late November to early
>February). There have been several posts on the list from some of
>the east coast members who have been unable to work the foxes in the
>eastern or western parts of the United States.

>
>Regardless of the hour I have been pleased to be able to work seven
>of the foxes from southern California under rather adverse
>conditions. I work four nights a week this school semester (and
>again next semester). Fortunately, I am the trustee and faculty
>advisor of the school's club station, W6BAB, and the station is next
>to my office and lecture/laboratory room. I have worked all my
>foxes during my conference time or between classes. Often I only
>have a ten to fifteen minute window in which to locate and work the
>fox. If the QSB is not in my favor I am out of luck, since I am
>using only a dipole and a 2 watt Sierra. Working one of the novice
>foxes is a real challenge, since they often take ten to fifteen
>minutes for a single QSO. In addition to the seven regular foxes I
>have worked two novice foxes. I do miss the two element beam and 5
>watt OHR at my home QTH, however.

>
>I will monitor the reaction to your comments. It will be interesting
>and perhaps we will see the times spread around a little.

>
>73, Harvey, N6MM (Op W6BAB).

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [4206] Re: Antenna question
Message-ID: <19961111.171044.4727.1.wb2vuo@juno.com>

Per Scott's question, a decent short helically-wound vertical for 160M can be made on either PVC pipe, or round hand-rails and/or closet poles.

Back in the 60's there was an article in the ARRL "Mobile Manual" for a 3-tube 160M AM transmitter, which was used in conjunction with a modified car radio for the Top Band. I don't have the book anymore, but seem to remember that it was written by Doug DeMaw back before he started at the League (W8HHS was the call, I think). In the article, he mentioned that the locals in southern Michigan were successful with a short, helically-wound vertical which consisted of the following:

The antenna was made by winding --1/2-wave -- of enameled wire (#14) on the pole covering a 15 - 20 foot length. The pole had a capacity hat (an inverted pie tin) on the top, a small (5 - 10 uH) inductor in series with the base for fine adjustments and was fed against radials. Above the capacity hat was a "regular mobile whip", probably an 8-foot stainless-steel CB-type whip would do.

A 1/2-wave length of wire for 1.85 MHz (as an example) would be 266 feet of wire. If you used 1 1/2-inch PVC, the outside diameter is 1.900-inches, and one turn is 5.97-inches. You would need 535 turns of wire, which would be about 2 1/2 turns per inch for a 20 foot height, and 3 turns per inch for a 15 foot height. A smaller diameter would require a tighter winding. As a substitute for a pie tin, you could call on a heating contractor and get a vent cutout for scrap prices, and you can solder directly to the galvanized steel.

Were I to wind one of these antlers, I would mount the feed about 5 - 6 feet up, and use a couple of elevated counterpoise wires. The efficiency would stink, compared to a doublet up 200 feet, but I am sure it would be better than connecting the ends of the G5RV together and feeding it with a tuner.

Look at it as a GIANT-SIZED SLV :)

72/73, Keith, WB2VUO, QRP-L #582
Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [4152] Re: Balun or not balun?
Message-ID: <Pine.SOL.3.94.961111072457.28507E-100000@utkux4.utcc.utk.edu>

On Mon, 11 Nov 1996, W. Daniel, 9V1ZV wrote:

> Hi,
>
> I need some opinions here. I am feeding my halfwave dipole with 50 ohm
> coax. This is on 20m.
>
> I am wondering if adding a balun will make any difference. If so, where
> will those differences be? Noise? Sensitivity? Directionality? etc?
>
> Thanks.
>
> 73 de 9V1ZV Daniel
Daniel,

The balun will not affect the antenna performance at all (unless you have a certain kind of problem noted below). Its purpose is to transform the unbalanced coax into a balanced feedpoint for the dipole--and the converse as well. A 1:1 balun does only this job, but also acts as a choke preventing (or, strictly speaking, diminishing) antenna currents from using the outside of the coax braid as an additional antenna element on one side of the dipole.

Is a balun needed? In most cases where the coax runs at something very close to a right angle from the antenna, a balun is not likely to be needed. If the coax runs at other angles, it may well be useful in diminishing antenna currents on the outside of the braid. It may take a QRO test to establish whether the braid is hot, since QRP power splitting may put too little current on the braid for easy detection. However, if the braid is hot at QRO, it is also proportionately hot at QRP. Antenna current on the braid does distort the anticipated pattern from the dipole. It is usually less effective as a radiator than the antenna wire due to its pathway downward toward RF-absorbing metals and the like.

Is a balun lossy? Depends on the design. Transmission-line transformer baluns tend to be very efficient--IF there is not appreciable reactance at the antenna feedpoint. W2FMI, the guru on these devices, strongly recommends compensating for the reactance on the antenna side of the balun. Similar concerns apply to the W2DU-type "ferrite cores over the coax" chokes, although they are a bit more forgiving. I suspect, but have not verified by tests, that air-wound current baluns will perform

similarly. Other forms of balun transformers that are not transmission-line transformers or simple RF chokes are more likely to have inherent losses. (For example, one can construct a standard broad-band impedance transformer that will act as a 1:1 isolation device, but it will be subject to standard transformer losses.)

Hope this helps.

-73-

LB, W4RNL

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [4176] Re: Bencher Paddle
Message-ID: <M27954372.002.pvw2.1.961111174045Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Date: Sun, 10 Nov 1996 20:52:41 -0700

> Don't worry I won't be using them on the air UNTIL I can at least
> send my call too.
>
> Thanks
> Brad Mugleston - KB0ROL

I just built a keyer paddle out of some micro switches and some scrap PC board. I thought I could go to 30m using only 2 watts and practice calling CQ using 2 watts.

Tuned across 30m at about 10:30 p.m. The band was a totally dead. No cw anywhere, just foreign broadcast carriers. Practiced calling CQ for about five minutes.

I was just about ready to go QRT when I was knocked out of my chair by someone tuning up on frequency. Wow, what a signal! Bob, K8FN (?), out of Ohio returned my call, running 50 watts.

Then he had to put up with listening to my cw on the new paddle (that will teach him!).

Yes, you are safer to practice *off* the air, even if it is a dead band.

- Dan Tayloe, KK7BD, Phoenix, AZ QRP1 # 696

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [4178] RE: CODE UNDER PRESSURE
Message-ID: <19961111183144592.AAA153@slip20.ts-f-merrill.caps.maine.edu>

dEAR depressed:

This too will pass, I remember my first novice qso and the next few. I had a copy of what I was going to say and what the other station was going to say in front of me! Oh what a miserably happy event!

I was choking at 5wpm. This was depressing as I passed my novice code test at over 15wpm.

These are part of your "good old days" believe me. It's just a time for adjustment and you will! If you have no taboo on it, have a glass of wine before going on the air or maybe a beer or two. (not looped, just relaxed) or perhaps a bit of exercise before going on the air or maybe even a nice hot shower.

Once I new I was going to mess up and took it as part of the game the less I messed up. Think about it. You're on the clean end of the stick!!!!!! The poor gal or guy out there has to copy u and u get to copy them and their cw is ok, (for the moment, their time will come or has come and gone)

Be happy, rejoice the good old days are here for you!!!!

God Bless
Joel

WA5CVM
Joel Denison
81 High street
Farmington, Maine 04938
jdenison@aisp.net
33ft Vertical up 6ft & Inverted Vee up 40ft.
QRP ARCI 4066 NEW ENGLAND QRP 467 QRP-L 765

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4183] Re: FOX: QSL 100%
Message-ID: <199611111926.TAA20586@chuck.dallas.sgi.com>

Dennis et. al.,

There was no hard fast rule that they QSL 100% other than we would like for them to QSL to those that do so. I asked that they do so in the spirit of the thing.

Good luck and you mind send them email inquiring.

I'm working on QSLs today for SS. There goes another \$150. :-)
Contesting is indeed expensive.

dit dit

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
EMPS QSOs=109 STATES(w/c)=34/2 DX=0

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [4220] RE: FOX: QSL 100%
Message-ID: <23136@sugarland.ampr.org>

To those of you looking for qsl cards from the foxes, be sure that you send an sase with your card. Remember, you are sending out one card, the fox is going to get lots of requests. At 20 or 35 cents per card plus the card and envelope, being a fox could get pretty expensive for a couple of hours of fun. An SASE will almost guarantee a return card.
72,

Bill, K5ZTY

ARCI #8817 NORCAL #1321 CQC #178 MI #1472 NE #440 QRP-L #473
WITHOUT CW, IT'S JUST CB

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4169] Re: FS: HW-8/HW-7
Message-ID: <1.5.4.16.19961111105949.1ea7f932@destin.nfds.net>

At 10:52 AM 11/11/96 -0500, William C. Robbins wrote:
>I am taking a Heath HW-8 and HW-7 to the Ft. Wayne hamfest this next
>weekend. If anyone here is interested let me know.

Too bad I'm stuck in Florida.....

72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Snail Mail P. O. Box 178
 Shalimar, FL 32579-0178
Grid EM60rk
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^ That's N 9 N V V

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [4209] RE: FS: HW-9 & Accessories
Message-ID: <199611120107.SAA22222@dancris.com>

The rig has been sold. Thanks for the interest.

73,

Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, not in any order of importance.

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [4180] Re: FYB0: Anyone need the rules?
Message-ID: <1.5.4.32.19961111184055.009919a8@freebird>

>We're working on a few winter outdoor safety tips too.
>Like the "Top Ten Ways to Tell if You're Freezing Your
>B_____ Off". :-)

Oooh, oooh, here's my list:

10.) Sudden, unexplained weight loss combined with a noticeably lower sitting position.

9.) Half-moon shaped tracks in the snow heading off toward your home.

8.) Suddenly realizing that you *can't* find your butt with both hands.

7.) An unusual tendency to fall forward.

6.) EMT radios back to the hypothermia ward saying "We got frozen hams with frozen hams out here...."

- 5.) ICE beer tastse warm.
- 4.) Your matches need to be microwaved before they'll light.
- 3.) The youngest op gets his tounge stuck to the chrome code key.
- 2.) Your SWR improves due to superconduction effects.
- 1.) You get a T-shirt that says "Life's too dull with QRO"

OK, ok, the first few take too literal a stance on freezing your butt off.

>>>==>PStJTT

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: john andrews <jm165723@eee.org>
Subject: [4217] Re: HB: Parts substitution
Message-ID: <3287EA93.29FB@eee.org>

Takanori Oka wrote:

>
> Hi HBers,
>
> Could anyone tell me if I can substitute CA3028B for CA3028A?
>
> Thanks in advance.
>
> Tak/9M2EN

Hello Tak:

Yes, the CA-3028B is a good substitute for the CA-3028A.

Also NTE-724(If you can find it. :-).

See "Solid State Design for the Radio Amateur" by ARRL for
schematic of CA-3028 if you have it.

72, John- N5INZ

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [4186] Re: NEED Oscilloscope Primer
Message-ID: <v01540b02aead31a8b96c@[157.142.56.166]>

> Recently someone posted an 'Oscilloscope Primer' and, true to form, I
(snip)
>
>73 de Mike / W8DN
>weightdn@bright.net

Tektronix on-line primer:

http://www.tek.com/Measurement/App_Notes/XYZs/intro.html

Mike N5JKY

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: rob3ert@juno.com (Robert G. Parks)
Subject: [4184] Re: Non-inductive resistor source
Message-ID: <19961111.101910.9534.0.rob3ert@juno.com>

FB John,

I hope that the thread has helped you. As has been said by others here, the best non-inductive resistors are probably carbon composition. Non-inductive wire-wound resistors (either purchased or homemade) should probably be limited to frequencies below 100khz. If one is going to wind their own non-inductive resistors, they should keep in mind that copper wire has a temperature coefficient of 3900 parts per million per degree C. (0.39% per degree C). The technique which I proposed earlier should not cause any effects like an antenna.

Hope this helps.

72/73 es gud dx

Bob Parks
K6AEC
QRP-L#630
NorCal#1771

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "KF4MZD (John Kemker)" <kemkerj@xyzzy.net>
Subject: [4219] Re: Non-inductive resistor source
Message-ID: <9611120332.AA13757@ponyxprs.atlanta.med.va.gov>

On 11 Nov 96 at 14:13, Robert G. Parks wrote:

> FB John,
>
> I hope that the thread has helped you. As has been said by others
> here, the best non-inductive resistors are probably carbon
> composition. Non-inductive wire-wound resistors (either purchased or
> homemade) should probably be limited to frequencies below 100khz.
> If one is going to wind their own non-inductive resistors, they
> should keep in mind that copper wire has a temperature coefficient
> of 3900 parts per million per degree C. (0.39% per degree C). The
> technique which I proposed earlier should not cause any effects
> like an antenna.
>

It has and continues to help me. I'm getting alot out of reading
this list and others like it. Thanks!

73 de KF4MZD (John Kemker)
kemkerj@xyzzy.net

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: wylde@nccn.net (Grover Cleveland, K7TP)
Subject: [4213] RE: Power measurement question clarified
Message-ID: <v02130500aead850d47ec@[205.139.74.208]>

Denton Bramwell and others spake thusly:

>I think you have a subtle error in your equation.... V_{p-p} is twice V_p . From
>basic principles, $P=E^2/R$, and $E_{rms}=E_p/1.414=E_{p-p}/2.8$. Substituting, we
>get $P=(E_p/1.414)^2/R$. This in turn= $E_p^2/2/R$, which simplifies to $E_p^2/2R$.
>Similarly, $P=E_{p-p}^2/8R$. Try that, and see if you get more believable answers.
>If your probe is compensated, and the scope is calibrated, and if the BW of
>the scope is at least 5X the signal you are looking at, trust the scope as
>opposed to all other methods of measurement.

Actually it wasn't my equation, it was Ade Weiss's, and interestingly all
the other equations on the page were correct.

I noted that the equation should have been $V_{p-p}^2/4R$. This is at
odds with the power calibration formula in the Sierra manual which is
 $[V_{p-p}/2.8]^2/R$. The results of each of these formulae are close

however.

The bottom line is that the Sierra seems to be putting out somewhat less than a watt on all bands, although that is at 12.4 volts. Results will hopefully be better at 13.5 volts.

thanks to all,

Grover

- - -

P. Grover Cleveland K7TP (ex WT6P)
QRPARCI 3795 / ARS 101 / Norcal 216 / QRP-L #669
Archaeominiferroequinologist
Fairmont Speeder Pilot
Certified Steam Locomotive Fireman
Certifiably Loony

Can also be found at: cleveland@usa.net
71213.2741@compuserve.com
<http://ourworld.compuserve.com/homepages/gcleveland/me.htm>

From owner-qrp-l@lehigh.edu Mon Nov 11 23:11:58 1996
From: Philip Karras <ke3fl@access.digex.net>
Subject: [4187] RE: Program to use PC parallel port for INPUT?
Message-ID: <Pine.SUN.3.94.961111151901.7675C-100000@access4.digex.net>

Thanks to all for the information. Basically it can't be done with existing older P-ports. Some newer ones can do bi-directional I/O.

Anyway, I found my problem to be a conflict with COM2 & a modem, switching to COM1 & everything works again. :-)
Tnx agn.

72 & 73 de KE3FL/Phil
:-)

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [4189] RE: Program to use PC parallel port for INPUT?
Message-ID: <Roam.3.0.1.847743895.9849.myers@bigboy>

>

> Thanks to all for the information. Basically it can't be done with
> existing older P-ports. Some newer ones can do bi-directional I/O.

While there are newer designs (EPP, ECP, bi-dir) that allow fully
bi-directional high speed input, it is possible to do input with the
older ports. To do this, you use the status lines *from* the printer
as inputs, and move the data serially.

Dana K6JQ
Dana@Source.Net

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [4140] Re QRP Hall of Fame
Message-ID: <Pine.BSI.3.93.9611111002359.10033A-100000@u1.abs.net>

I am the Vice President of the QRP ARCI, and responsible for
administering the QRP Hall of Fame, an honor bestowed on deserving
QRPer's by the QRP ARCI. A while back I posted the call for
nominations to QRP-L, which also appeared in the October issue of the
QRP Quarterly. Here are some further thoughts on the Hall of Fame--

KI6DS recently posted some nominations to QRP-L, as well as
forwarding a CC directly to me. If anyone else does the same, be
sure you include me as CC. While I am a subscriber to QRP-L, I
frequently get into modes where I am days or even weeks behind on
reading the Daily Digest, and even when I get caught up there are
sometimes a few that don't get read at all. If you post a nomination
to QRP-L, make sure you send me a copy by e-mail to be safe. The
basic rule, which I mentioned in the posting and in the QRP
Quarterly, is that if you don't receive acknowledgement from me you
should assume that I never got it and resubmit it. I admit I've
probably missed a few, but I did respond to most. I'd hate to see
someone miss out in being inducted into the QRP Hall of Fame because
their nomination was never received. As sweepstakes and refund
offers always say, "Not responsible for lost or misdirected mail"!

Nominations are accepted by snail mail or e-mail; either way is OK.

Regardless of the method, though, it's YOUR responsibility to make sure you get feedback from me so you know the nomination will be on the ballot.

Last year, I kept the nominations private. The full list of nominees was never revealed publicly, with the reasoning that some might be embarrassed at being nominated and not passing muster at voting time. But then again, even being nominated in the first place is somewhat of an honor in itself, so I guess I won't place any ban on public nominations again unless someone really screams.

As mentioned in the posting, nominations are only accepted from QRP ARCI members, since it is an honor bestowed by the club, but anyone can be nominated--membership is not required to be inducted. If anyone wants to submit a nomination but is not eligible to submit it since they are not a member, you have two options--join before the cutoff date for submissions, which is the end of January, or find someone who is a member, convince them that your nominee is worthy, and have them submit it. [This is not intended as a subtle ploy to get new members :-)]

After I got the nomination from KI6DS I received several "me too!" messages. This is an awards process, not a business meeting, so we don't require motions and then a "second"; a single nominating letter or e-mail is sufficient to get someone on the ballot. However, I gladly accept indorsements of people already nominated, and that's how I'm treating those "me too" e-mails. A minor point--only members can make nominations, but I have no problem with nonmembers indorsing someone whose name is already in the ring. Just make sure that your indorsement isn't simply "I agree that Joe Blow should be in the HoF", but gives some facts and rationale. You may think Joe Blow is worthy of the honor, but you have to convince the voters!

Finally, there are already 11 people in the QRP Hall of Fame, from 1992 and 1996, and you don't have to nominate them again. This is a one-time award, not something that is given repeatedly for further worthy deeds. Don't send in nominations for these folks (listed in no particular order): 1992: AA2U, W1FB, W7EL, G3RJV; 1996: GM30XX, W0RSP, W7ZOI, K1BQT, W9SCH, W9PNE, K8IF.

73 and Queue Our Pea DE WA8MCQ

wa8mcq@abs.net

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996

From: PDouglas12@aol.com
Subject: [4173] Re: radiokit for 20mtr
Message-ID: <961111124655_1418336857@emout05.mail.aol.com>

John,

I have the RadioKit QRP 30--I had a 20 but it was the old 3 board version and I gave it to a friend who had the technical skills to keep it going! The 30m version, though, has been quite reliable, though it likes to go into paroxysms of self oscillation when running over 4 watts or the SWR is higher than 1.1:1. This was helped by a zener diode across two terminals of the PA--I forget which ones, but I can look if you need the info.

But at about 4w, it is quite stable and fun on 30m. And there aren't many RIT/AGC/Audio Filter rigs out there in a package this small. It was a bargain at the price, though the building was a bear. Not for beginners! The only operating flaw in this rig was the relay semi-QSK. More modern designs are solid state true QSK.

I wonder if RK is still in business? Do you know? Has anyone ordered from them recently?

72,
Preston WJ2V

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [4171] Re: The Cobweb HF antenna

>From: "Frank G3YCC" <g3ycc@enterprise.net>
>Rotation is not needed as it gives 360deg radiation.

Hi Frank,
EZNEC sez a horizontal halfwave bent into a square would still be directional. 7.2dBi two directions and 3.7dBi 90 degrees away. But since the 3.7dBi is still better than a vertical, this looks like a pretty good omni-directional antenna with a resonant feedpoint impedance of around 10 ohms.

73, Cecil, W6RCA, 00TC (not speaking for my employer)

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Patrick Taber <ptaber@logiccraft.com>

Subject: [4194] Re: Unbelievable!

Message-ID: <1.5.4.32.19961111212845.00982558@freebird>

>Last night on 40M I actually heard a guy ask QSL? before calling CQ, then five
>minutes later
>someone else *said* QRZ before calling CQ. To the extent you can tell anything
>at all from callsigns now, the first guy was probably a Tech Plus, and the
>second guy was a General.

Well, it *sounds* like they were trying to Do The Right Thing. They just
were misinformed as to what that was. Maybe you should have answered the CQ
and given them a friendly, non-threatening bit of advice. Chances are, if
they cared enough to try and check the frequency, they care enough to take
the correction.

>>>==>PStJTT

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996

From: Kevin Muenzler <muenzlerk@uthscsa.edu>

Subject: [4195] RE: Unbelievable!

Message-ID: <01BBCFE5.5276D300@muenzlerk.uthscsa.edu>

On Monday, November 11, 1996 10:09 AM, Marshall

Emm[SMTP:75230.1405@compuserve.com] wrote:

>Last night on 40M I actually heard a guy ask QSL? before calling CQ, then five
>minutes later
>someone else *said* QRZ before calling CQ. To the extent you can tell anything
>at all from callsigns now, the first guy was probably a Tech Plus, and the
>second guy was a General.

>

>Amazing.

>

>73

>Marshall

>AA0XI/VK5FN

>

>

>

I usually just send "?" several times, but whatever works....

Kevin, WB5RUE

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [4196] Re: Unbelievable!
Message-ID: <Roam.3.0.1.847749507.16101.myers@bigboy>

Pat wrote:

> >Last night on 40M I actually heard a guy ask QSL? before calling CQ, then
> five >minutes later
> >someone else *said* QRZ before calling CQ. To the extent you can tell
> anything >at all from callsigns now, the first guy was probably a Tech Plus,
> and the >second guy was a General.
>
> Well, it *sounds* like they were trying to Do The Right Thing. They just
> were misinformed as to what that was. Maybe you should have answered the CQ
> and given them a friendly, non-threatening bit of advice. Chances are, if
> they cared enough to try and check the frequency, they care enough to take
> the correction.

Contrary to some of the complaints, most amateur radio operators I've met, even in the last five years, really are concerned about doing the right thing and handle constructive advice well.

What I've seen *not* work:

- * Heavy handed tactics - like "you're uncoordinated for this frequency!"
- * Any kind of license class snobbery, even when unintentional.

In particular, I've decided that the poison-mouth gossip that hams all too frequently engage in is simply bad for the service, and bad on a personal level. Try serving as an officer in a radio club and you'll see what I mean.

Dana K6JQ
Dana@Source.Net

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: n9zz@juno.com (Robert A. Schill)
Subject: [4202] Re: WAE RTTY, QRP= FUN,& FRUSTRARION
Message-ID: <19961111.150502.5415.0.N9ZZ@juno.com>

On Mon, 11 Nov 1996 10:08:09 -0500 GREGOIRE@ENDOR.COM (ERNEST GREGOIRE) writes:

> Hello Gang,
>

>I worked the Worded All Europe contest this weekend using a Kam TNC
>and my QRP+ for a radio. It was just as much fun as it was
>frustrating.
>Not because of low power either!
>
>The rig is just not designed to do this RTTY stuff, but if asked
>nicey
>it will agree to do so. I worked 3 DX countries and 10 US stations.
>Inverting the signal on demand is a problem with the Kam. It must be
>shut off and turned back on and the program must then be switched to
>the
>"Talk to the TNC mode". But what the heck, I haven't been fly fishing
>lately and my antennas did go back up in the air yesterday, (somewhat
>reluctantly, I might add), so my frustration quotient was low.
>
>RTTY and QRP do go together though, doing it in a non-contest,
>atmosphere
>is much more relaxing and a lot of fun.
>
>Try it, you might just like it.
>
>73 de AA1IK
>Ernie
>
>
>
Hi everybody,
I been running RTTY QRP with my Kenwood TS 440 S turned down to 5 watts
output and have been having a ball. 20 & 40 meters have been the best.
Nothing on 80 meters yet. The antenna here is a Gap vertical on the
ground, the Challenger VIII.
Thought you might be interested.
72/73

Bob Schill N9ZZ
Mountain Home, Arkansas
ARCI QRP # 4744, MI QRP #266, AR QRP #1, QRP-L #705, ARS #189
E-Mail address : N9ZZ@juno.com
Packet address: N9ZZ @ NOKFQ.#SWMO.MO.USA

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: torell@sicom.com (Kent Torell)
Subject: [4159] Re: What gives?---Ocean State Electronics
Message-ID: <v02130501aeacf3a96c40@[192.91.202.41]>

>Has anyone else seen the erratic behavior from Ocean State Electronics?

> Over a week ago, I called in a small order. It has yet to arrive (they
>boast same day shipping) and their telephone line, both toll free and direct
>dial, is sometimes busy for hours on end or else it rings and rings, with no
>one picking up (during normal business hours). Does anyone know what's going
>on with them? Bill Nickrand KB9KOL

Got an order last week; it took two weeks for him to process and UPS to deliver. Everything there, tho.

72, ab7oa

Kent Torell torell@sicom.com 602-483-2867 x230
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Ed Tanton N4XY <n4xy@avana.net>
Subject: [4203] Re: WHITEROOK PADDLES
Message-ID: <3287A69F.3D25@avana.net>

David: one way would be a large patch of type A velcro fastened to the bottom of the paddle, and a supply of (self-adhesive) type B velcro pieces to attach to each new operating bench/table. Since you do not change all THAT often-probably once per trip-you can afford to remove and toss the type B piece at the end of your operating adventure.

The other method (I use sometimes) is to glue the paddle down with ordinary (paper-type) rubber cement. It is not ALL that strong, but suffices for regular witght paddles very well. And when finished, cleans up very well.

--

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933
Voice/MBX/FAX
189 Pioneer Trail, Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140 NORCAL#1779
NCDXF SEDXC
Life Member: ARRL AMSAT IDRA INDEXA QCWA URL:
Coming Soon

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@lehigh.edu Mon Nov 11 23:11:58 1996
From: Hank Kohl <k8dd@tir.com>
Subject: [4210] Re: WHITEROOK PADDLES
Message-ID: <2.2.32.19961112012244.00735eec@tir.com>

At 11:53 11/11/96 CDT, you wrote:

>
> My concern is, since they are so lightweight, how
> does one keep them stable when going at about a
> 20wpm clip ?? Any ideas on how to secure or mount
> them to the op table.
>
> Any comments or tips welcome. They look very nice!!
>

Dave....

It is a problem with the Whiterook Paddles. I use mine with the TS-50S mobile. I've got two big rubber bands that go around the paddle and the TS-50S. Holds the paddle fine. The paddles are good for up to about 30 wpm. After that they are very hard to control due to the fact that there is no adjustment. But for eleven or twelve bucks we're not talking Brown Bros. or Vibroplex here!

If I were to use them in the shack, I'd probably glue them down to a thin piece of masonite, or thin board, that would be long enough for at least the heel of my hand to rest on.

73 Hank

*/ Hank Kohl K8DD k8dd@contesting.com <---- new
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM